



Federal Agency Reporting Requirements and Performance

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Federal Utility Partnership Working Group

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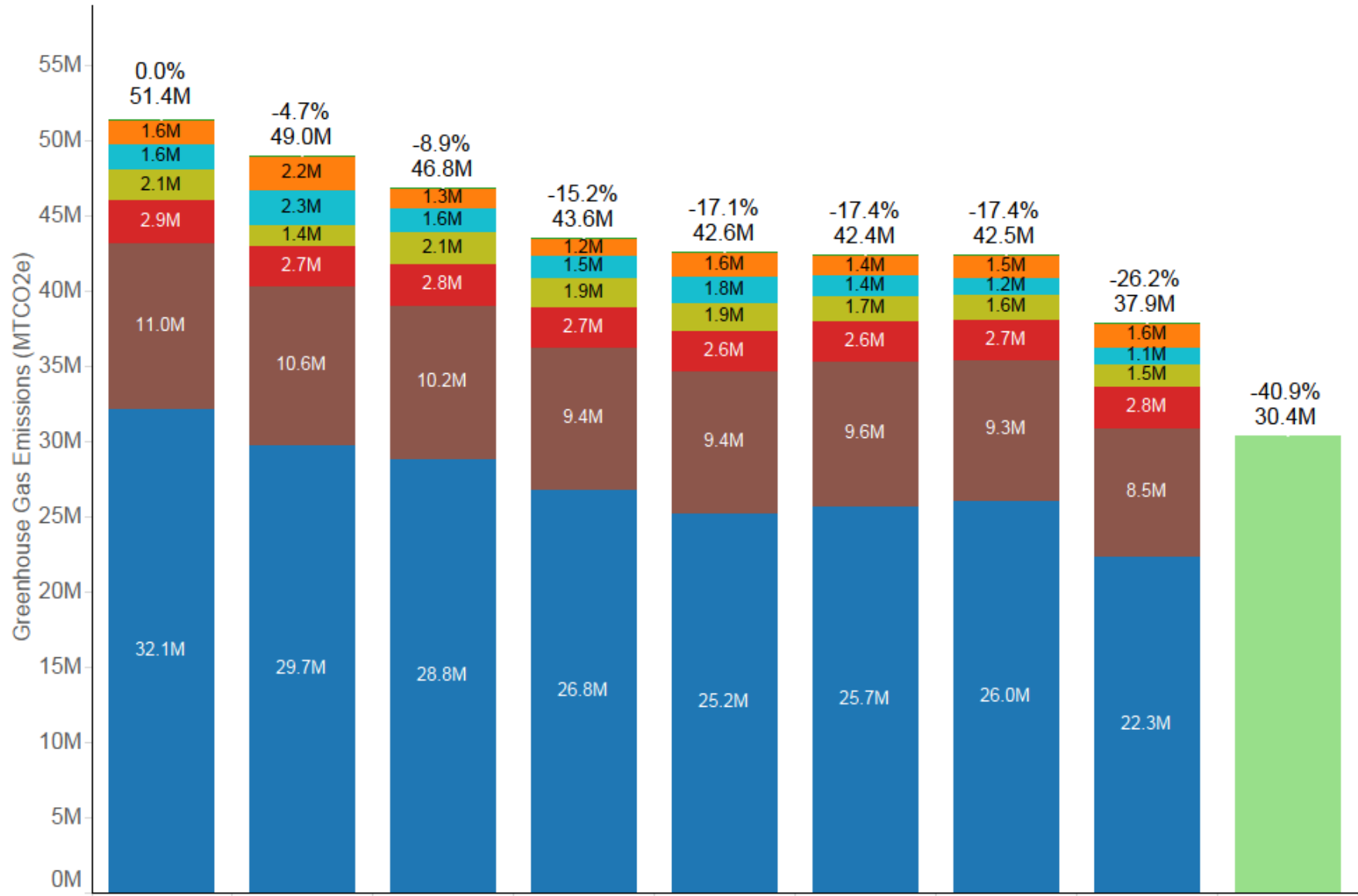
Presentation Overview

- Preliminary FY 2016 findings of Federal Government performance toward key energy/water goals
- Project investment activity and returns
- Key statutory and Executive directive mandates and reporting requirements
- Section 432 of Energy Independence and Security Act (EISA 432) compliance tracking and role of utilities
- ENERGY STAR Portfolio Manager benchmarking requirement

Government-wide Key Findings for FY 2016 (Preliminary)

- Targeted Scope 1&2 GHG emissions declined 26.2% from 2008
- Targeted Scope 3 indirect GHG emissions decreased 23.3% from 2008
- Facility energy intensity reductions exceeded the 2.5% goal with a 5.3% reduction from 2015
- Clean energy goal of 10% was exceeded (14.2% of facility energy use)
- Renewable electricity goal of 10% was exceeded (12.5% of electricity use)
- Potable water intensity reduction goal of 18% was exceeded (23.6% reduction vs. 2007)
- Industrial/Landscaping/Agricultural (non-potable) water use was reduced 32.2% vs. 2010 (Goals: 20% in 2020, 30% in 2025)

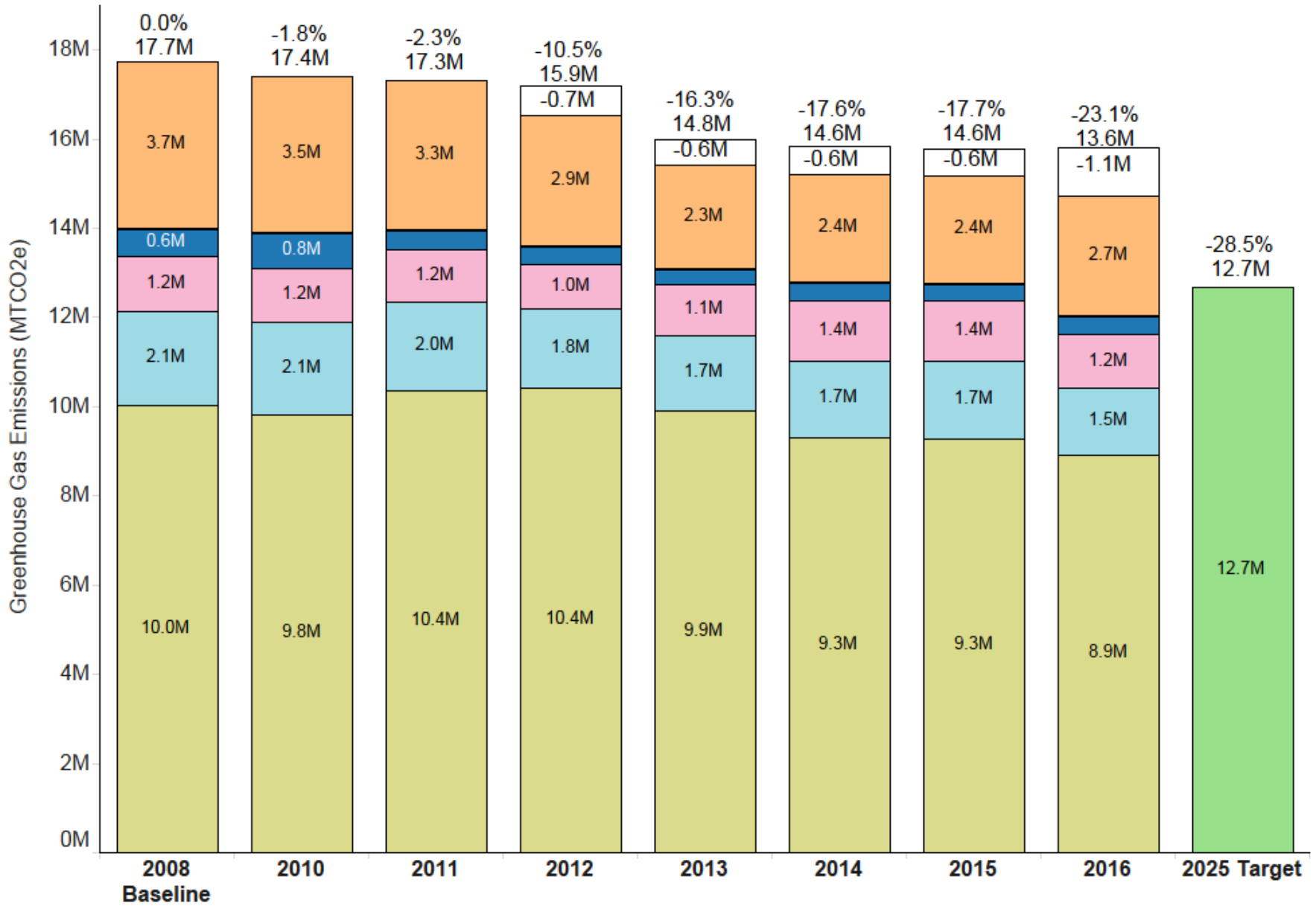
Federal Government Progress Toward Scope 1 and 2 Greenhouse Gas Reduction Goal



■ Chilled Water
 ■ Steam and Hot Water
 ■ Covered Fleets
 ■ Net Electricity Emissions
■ Other
 ■ Vehicles and Equipment
 ■ Stationary Combustion

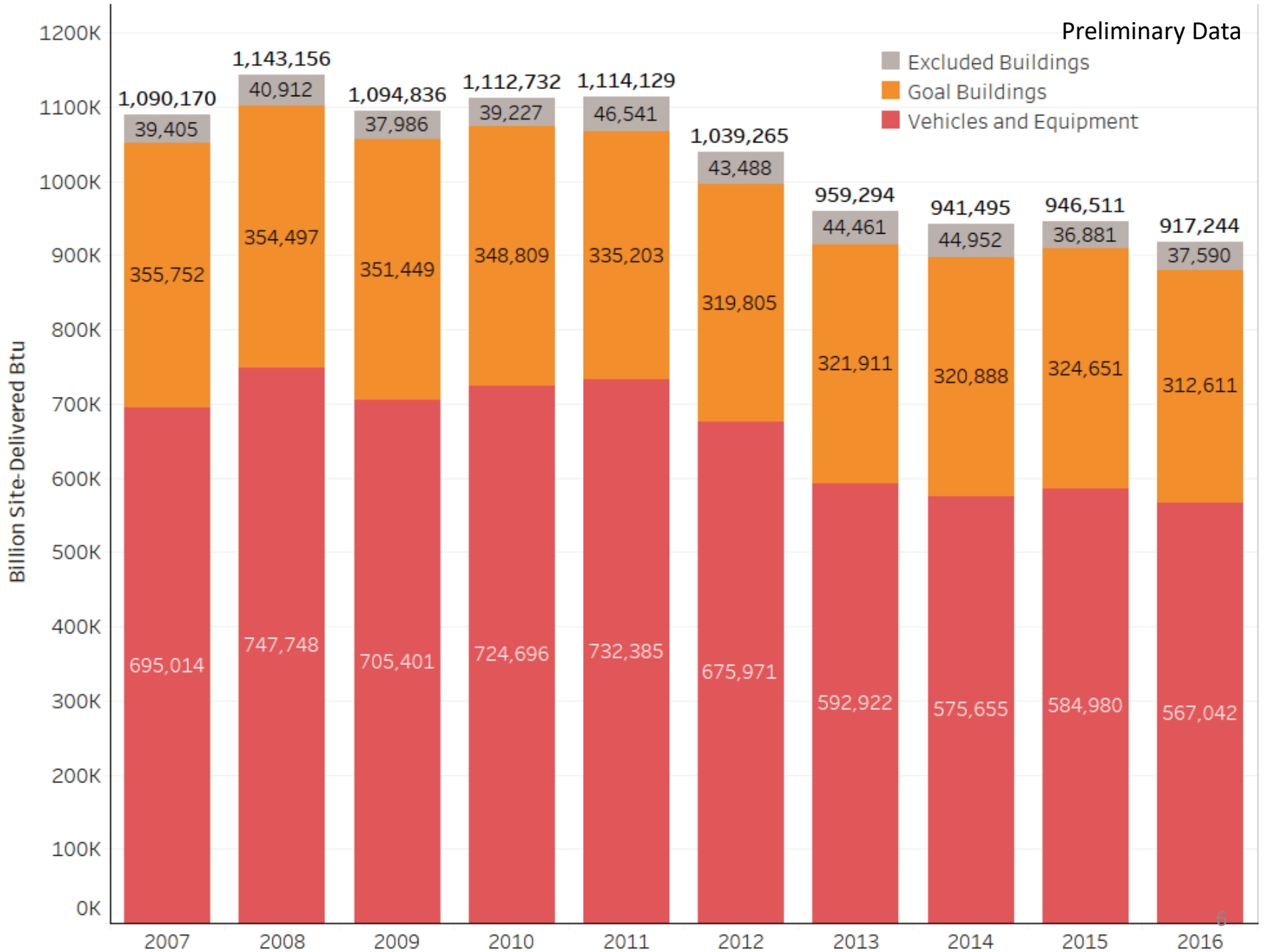
Preliminary Data

Federal Government Progress Toward Scope 3 Greenhouse Gas Reduction Goal

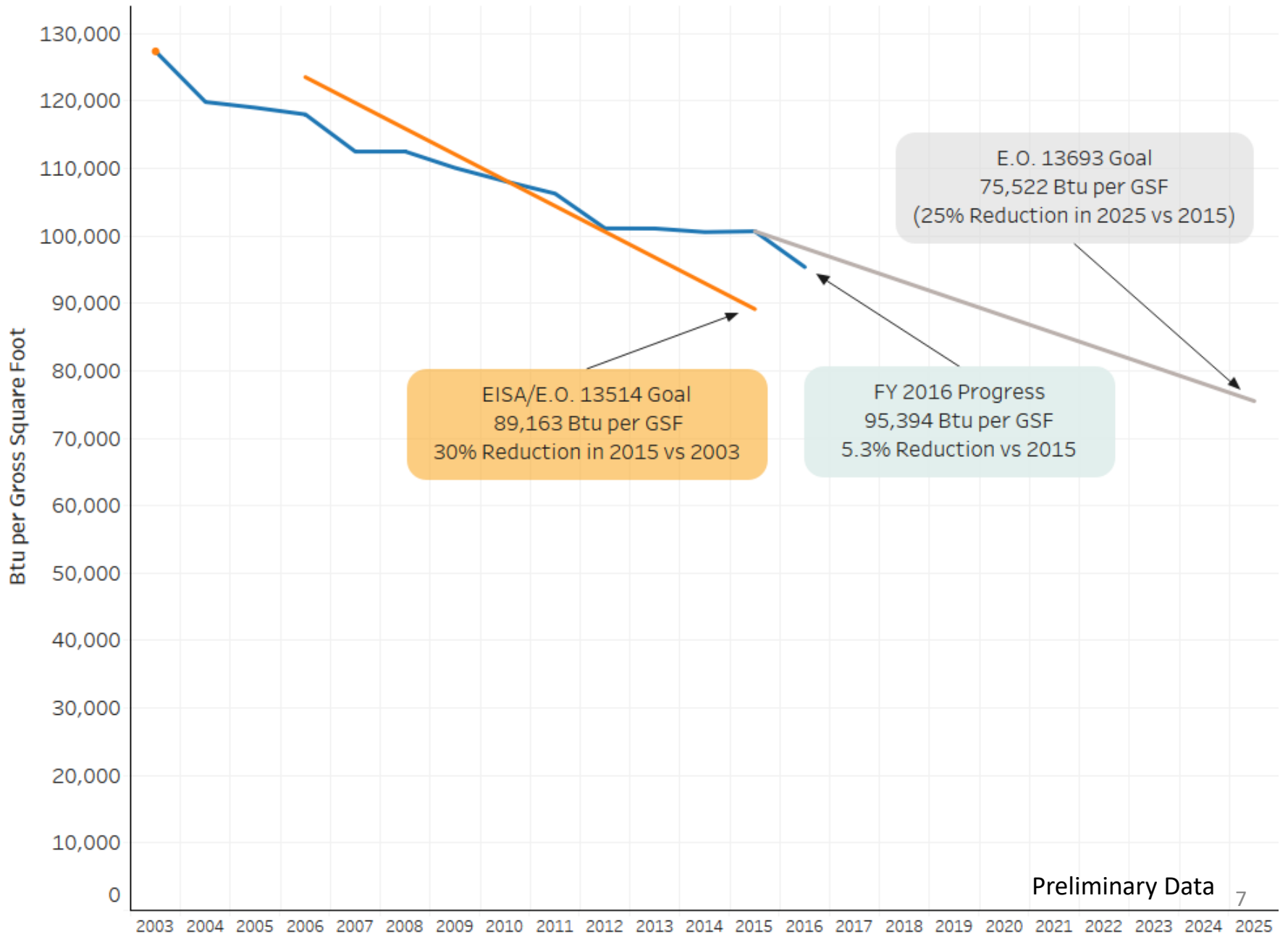


- Scope 3 Credit
- Business Ground Travel
- Employee Commuting
- Business Air Travel
- Contracted Solid Waste
- Contracted Wastewater Treatment
- Electricity T and D Losses

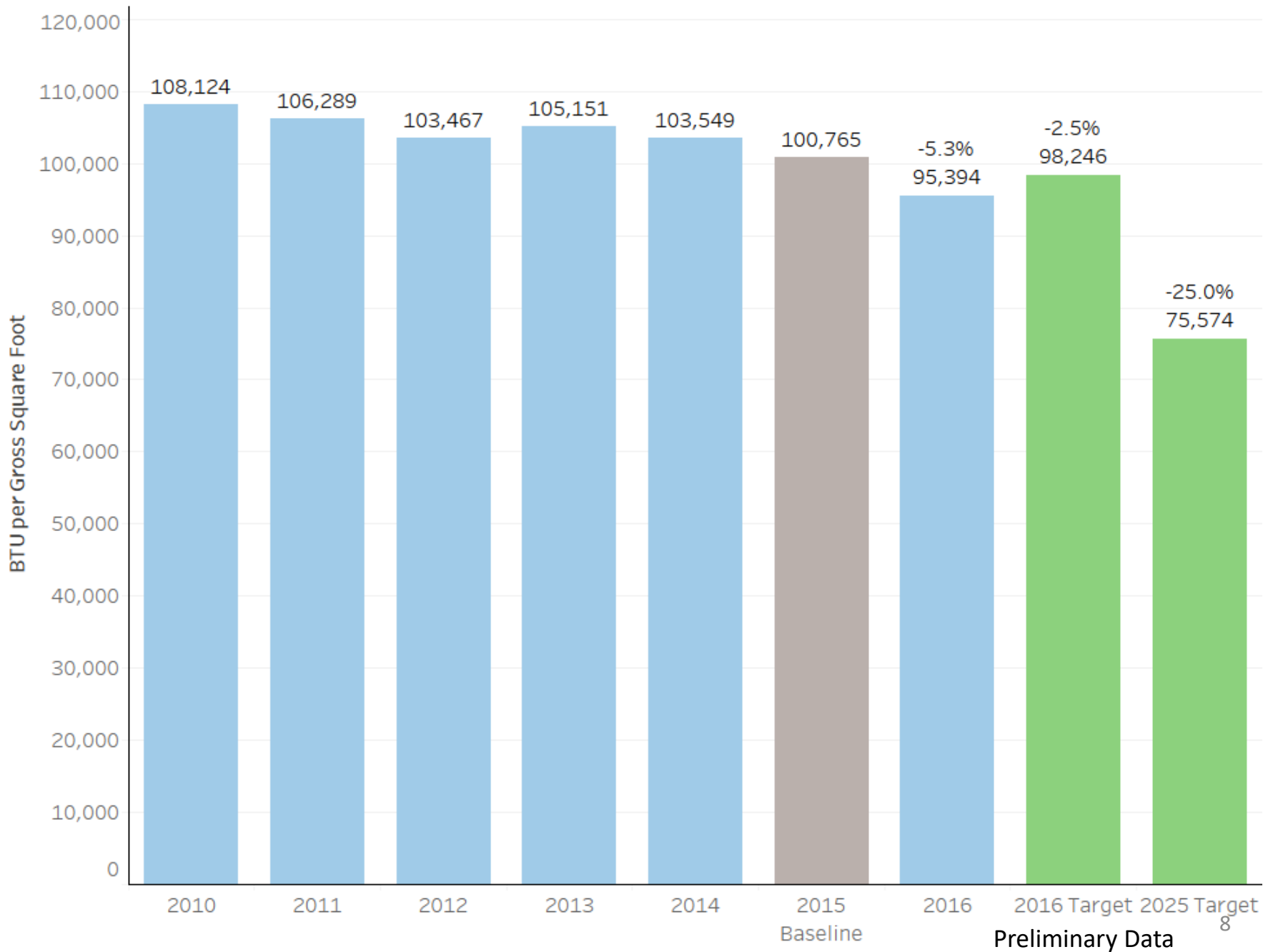
Federal Government Energy Use by Sector (FY 2007 - FY 2016)



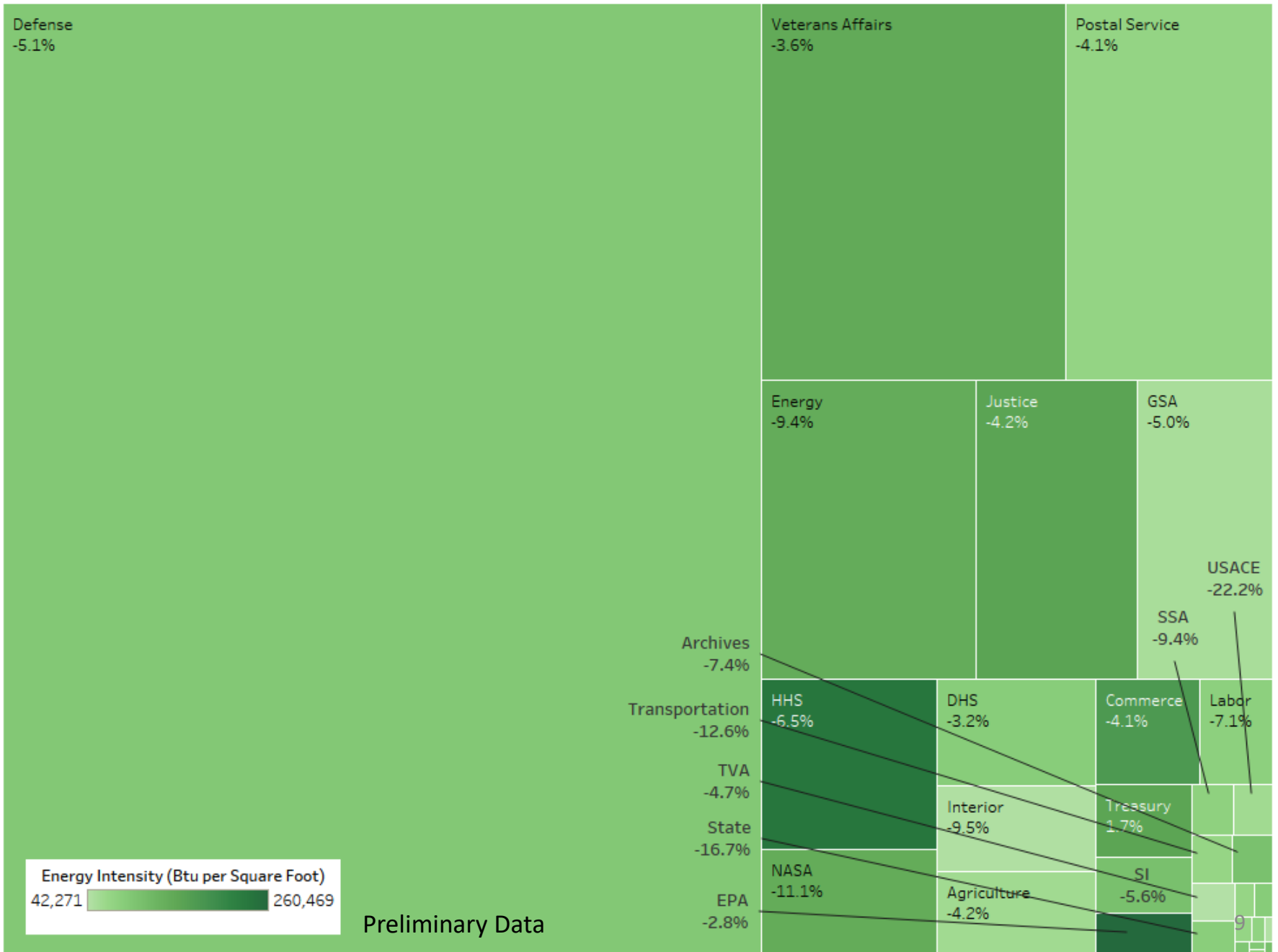
Overall Government Progress Toward Facility Energy Efficiency Goals FY 2003 - FY 2016



Federal Government Progress Toward Energy Intensity Reduction Goal

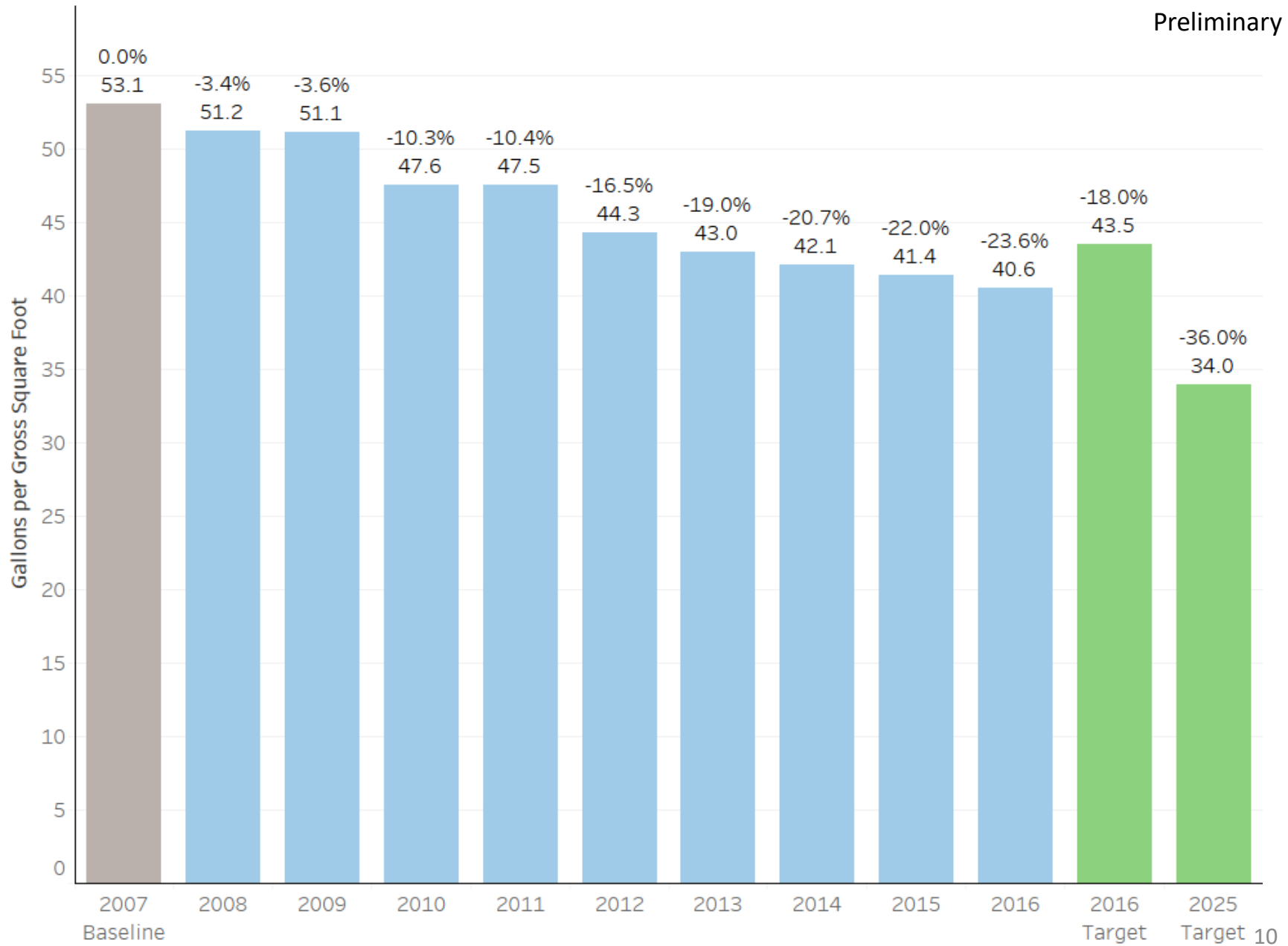


Goal Building Energy Use, Intensity and Reduction Progress 2016 vs 2015: 290 Trillion Btu

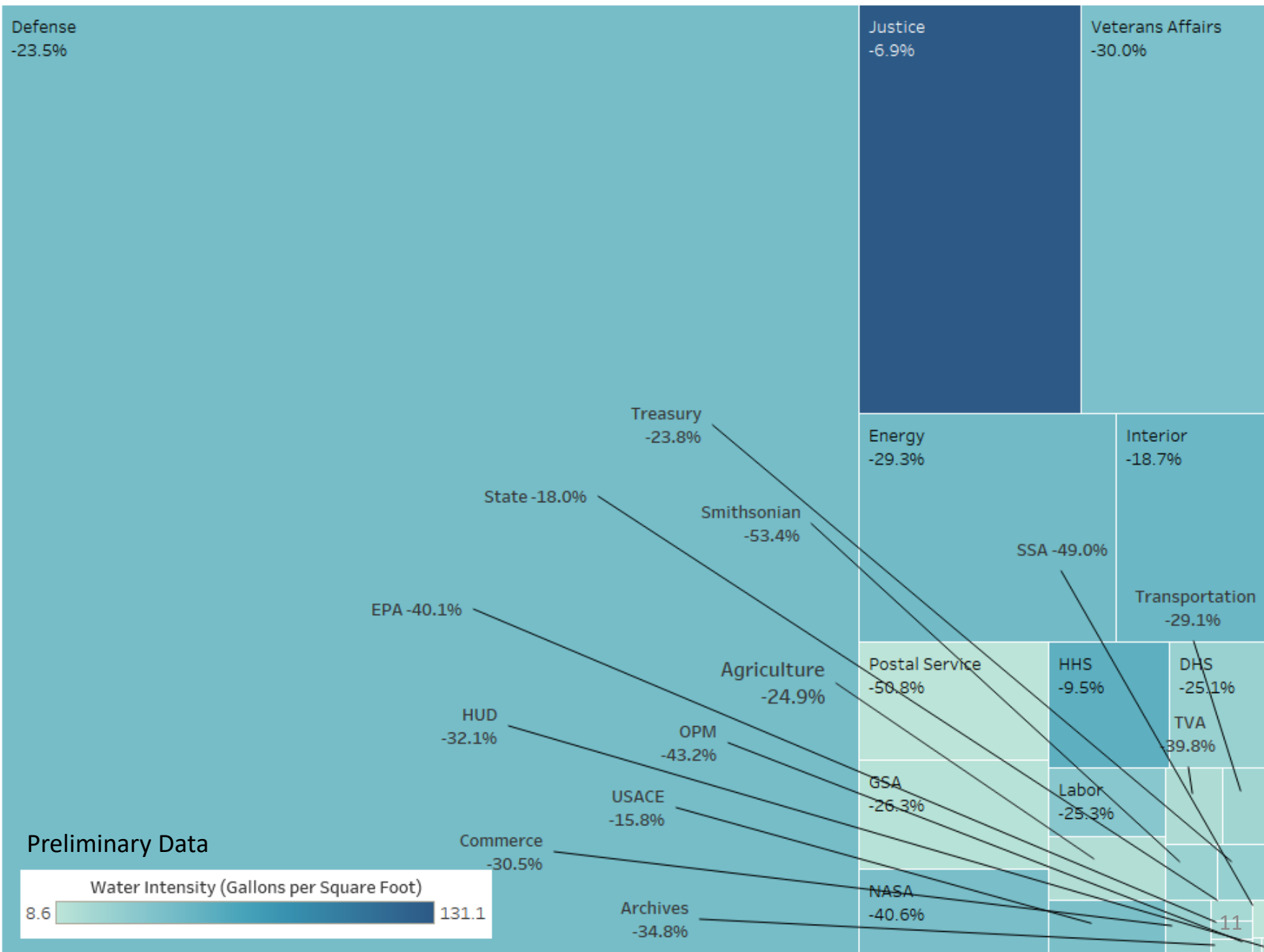


Federal Government Progress Toward the Potable Water Intensity Reduction Goal

Preliminary Data

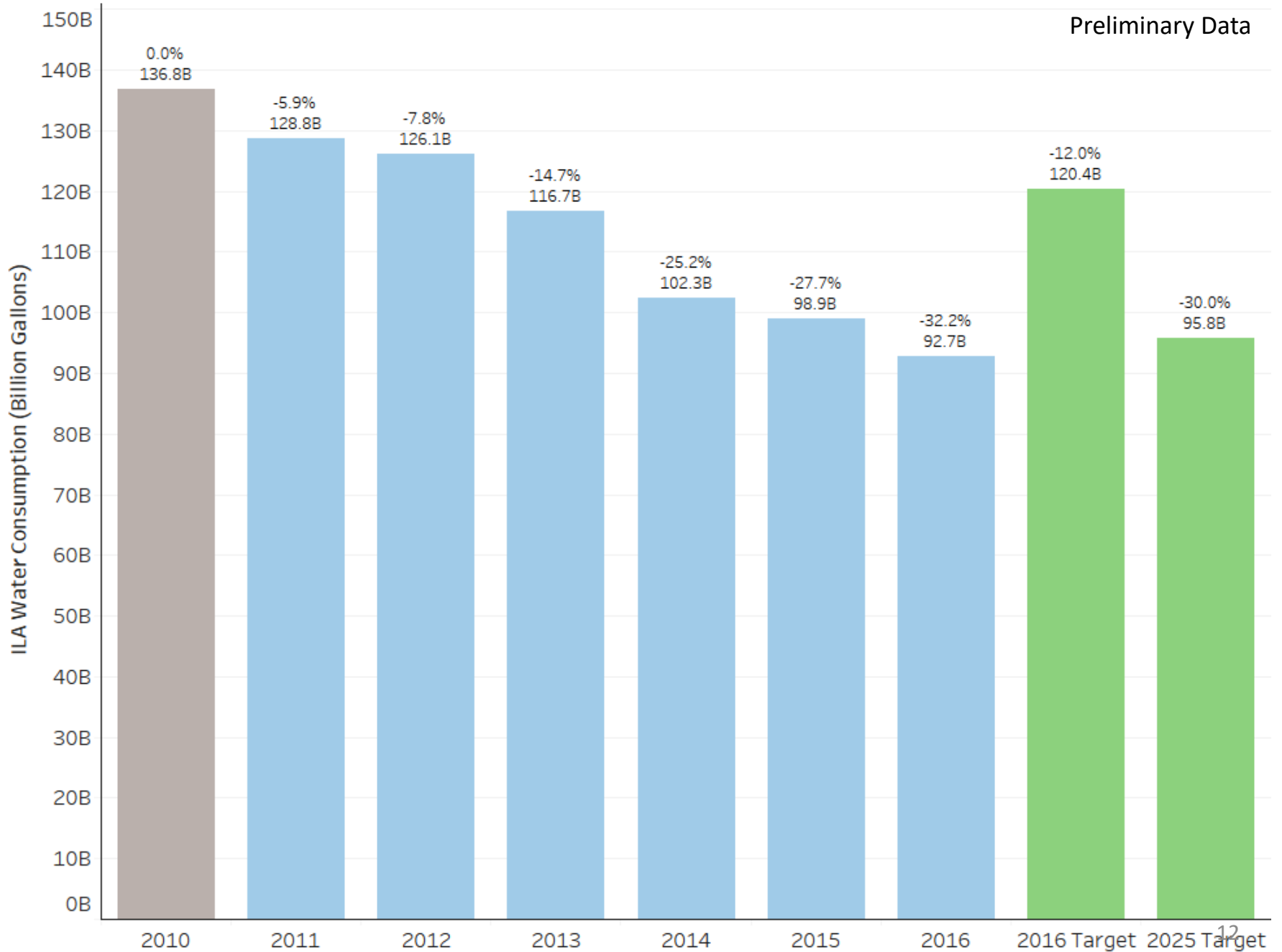


Potable Water Use, Intensity and Reduction Percentage 2016 vs. 2007: 126 Billion Gallons



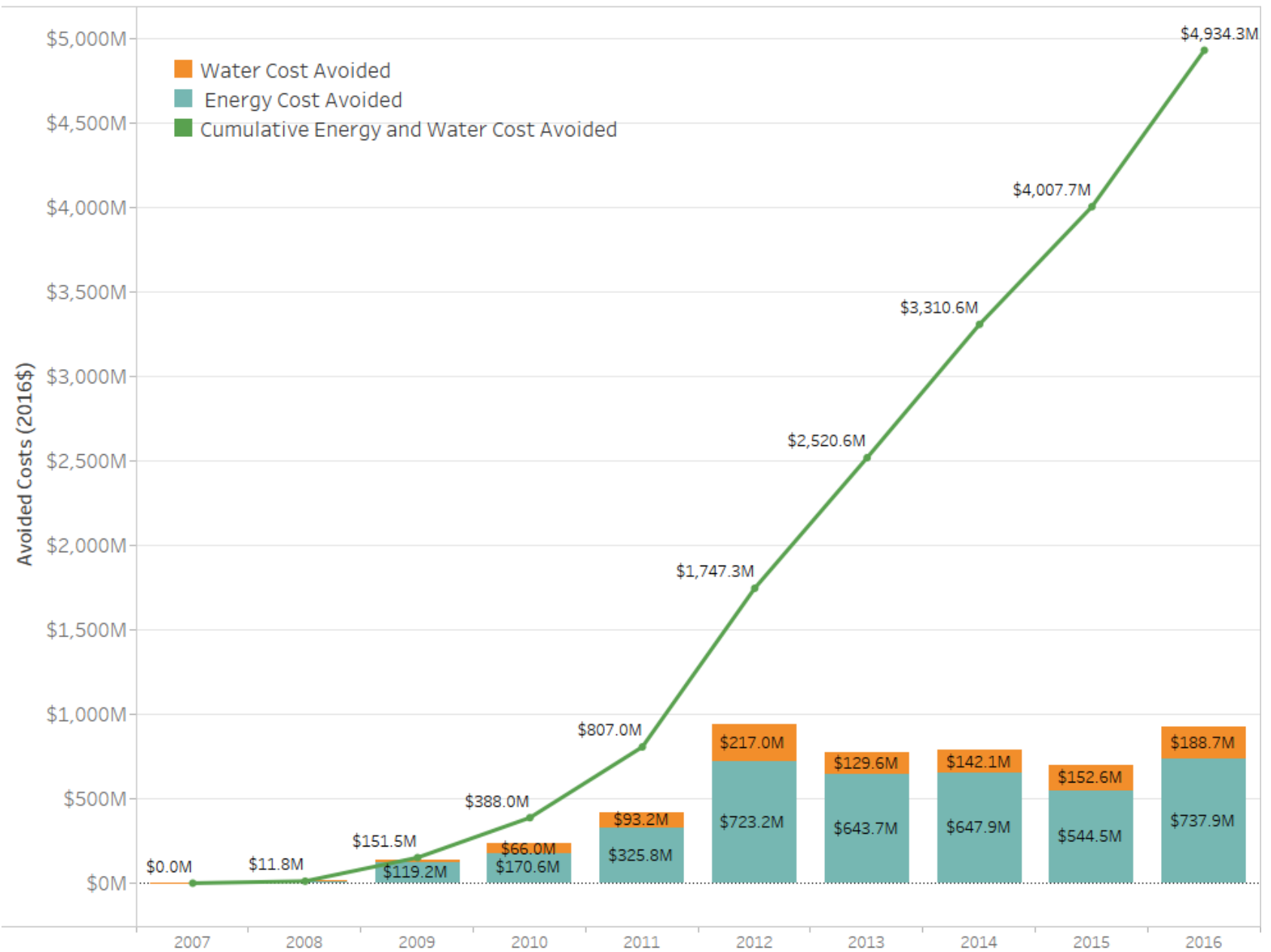
Federal Government Industrial, Landscaping and Agricultural (ILA) Water Consumption and Reductions from FY 2010

Preliminary Data

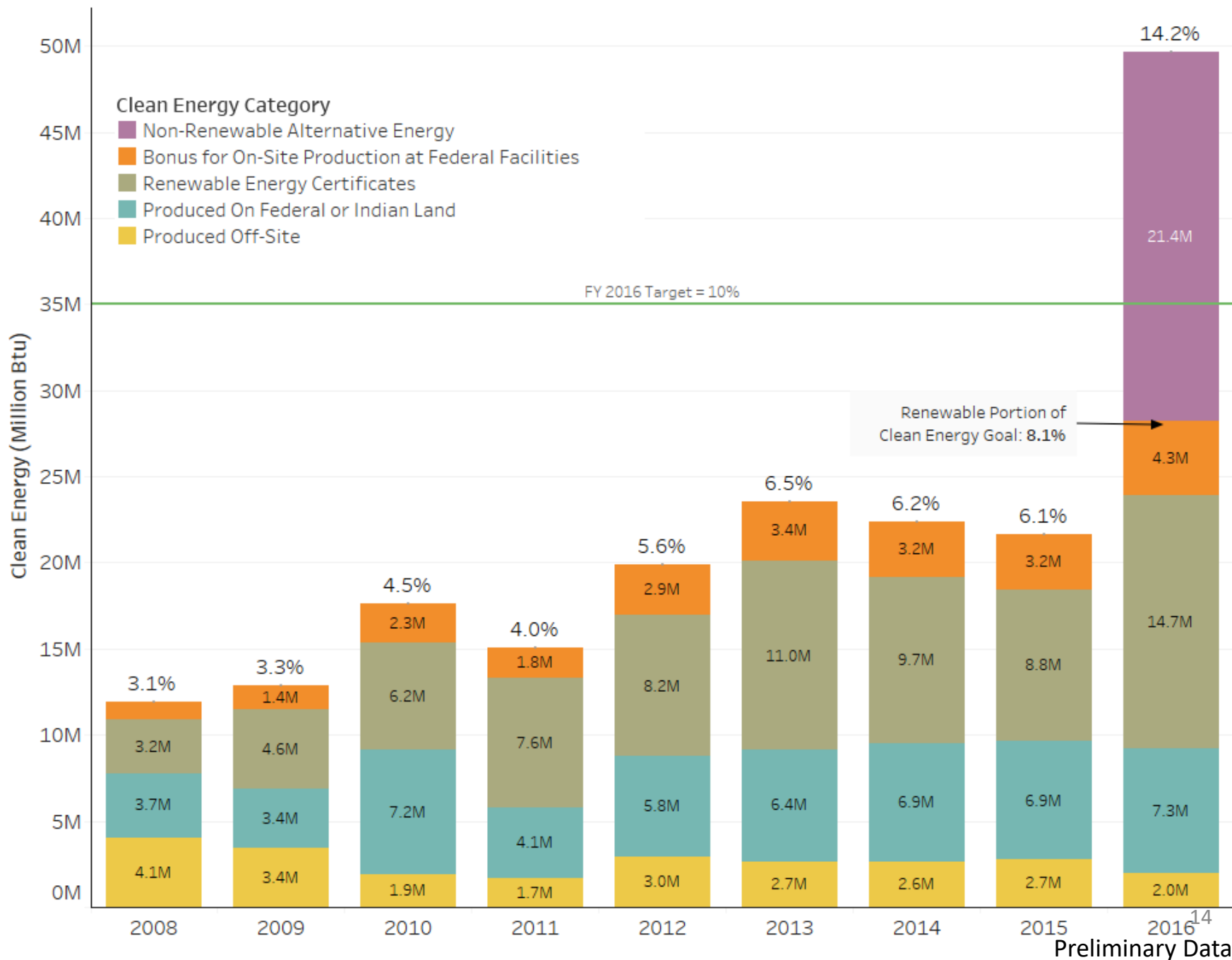


Cost Avoided from Reduced Energy and Water Use in Buildings (2016\$)

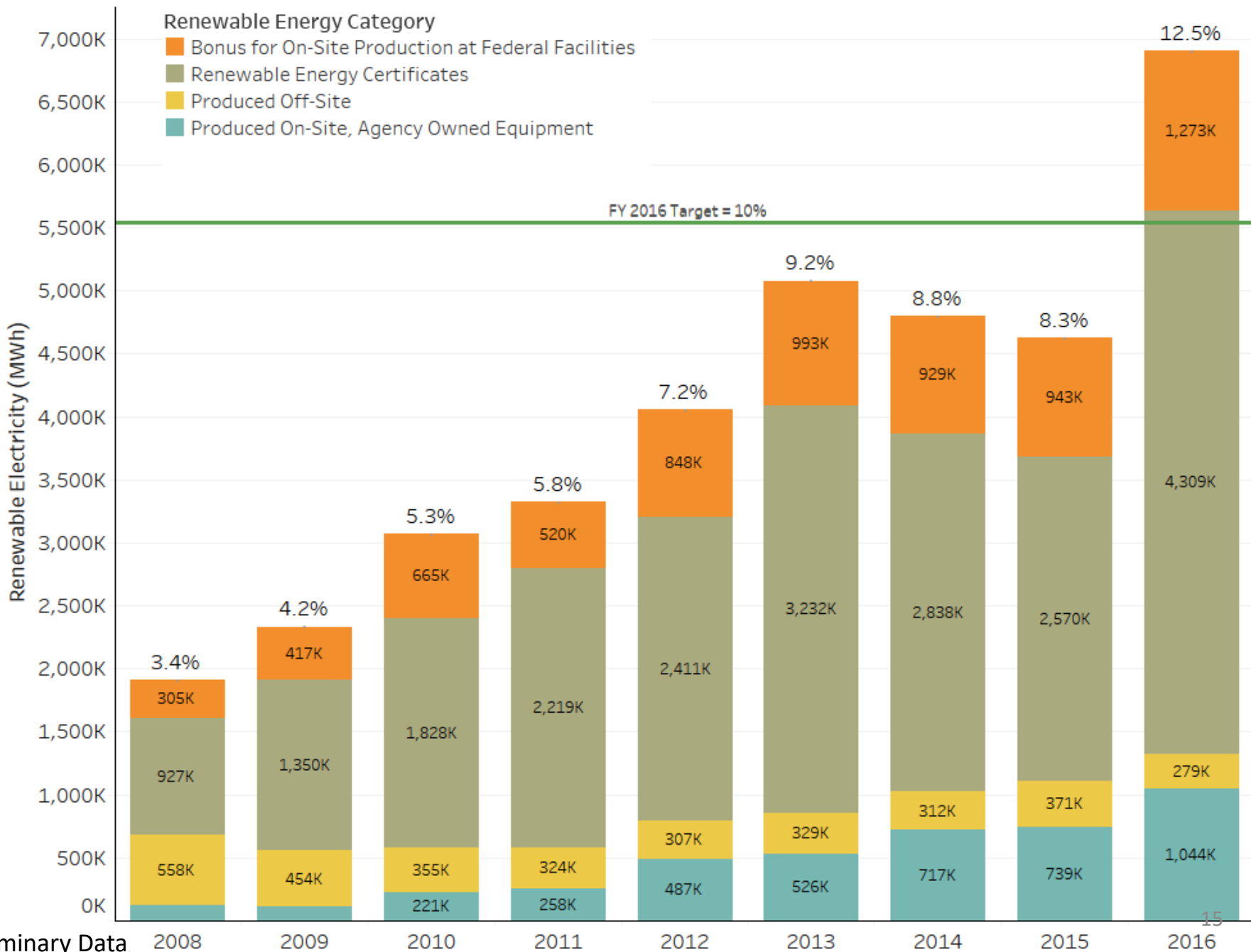
Preliminary Data



Federal Government Clean Energy Use as a Percentage of Federal Facility Energy Consumption

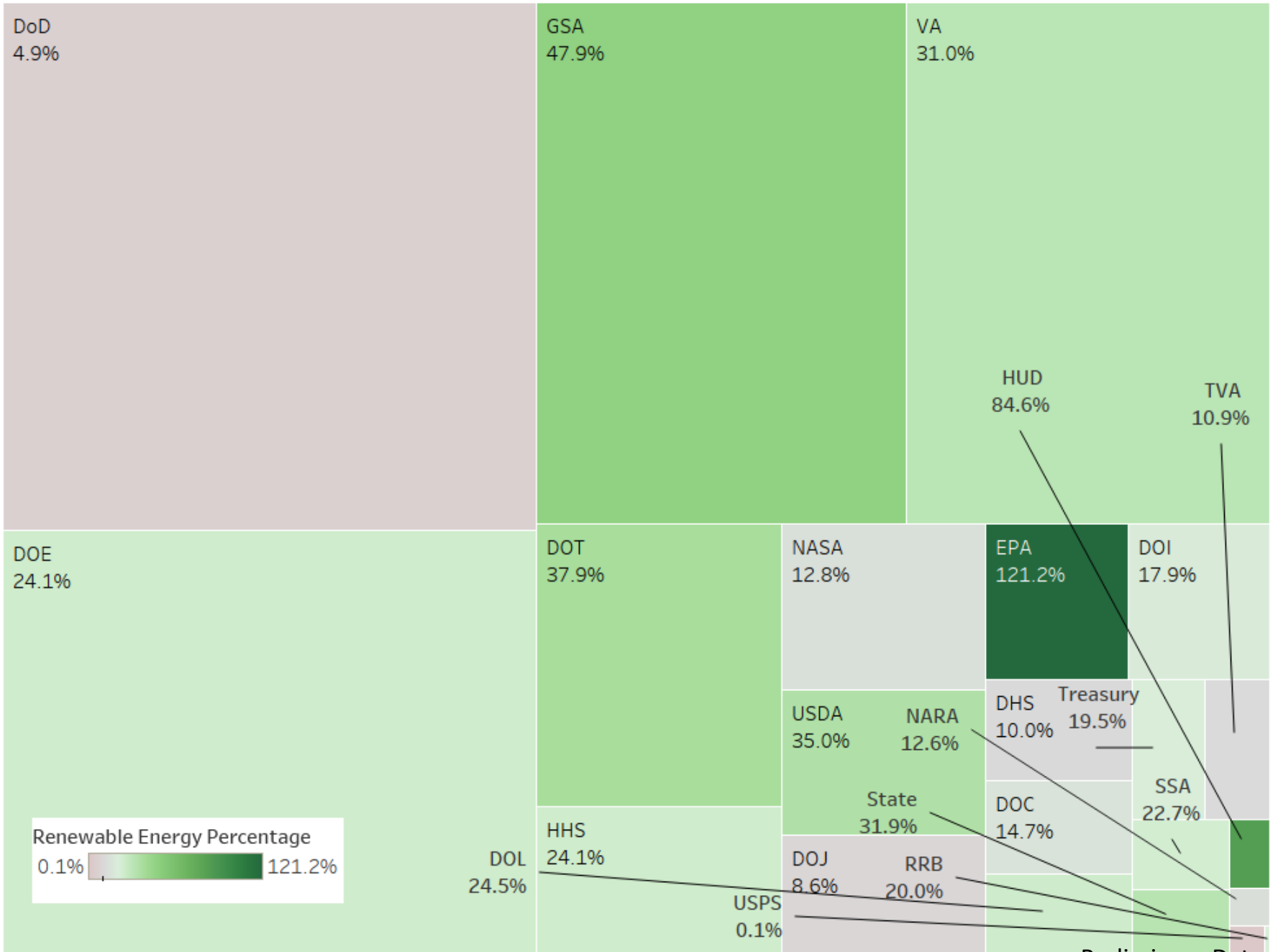


Federal Government Use of Renewable Energy as a Percentage of Electricity Consumption



Preliminary Data

FY 2016 Renewable Electricity Use and Percentage of Electricity Consumption: 6.9 Million MWh



Preliminary Data

FEMP Annual Performance Data Site:

energy.gov/eere/femp/federal-facility-annual-energy-reports-and-performance

Comprehensive Annual Energy Data and Sustainability Performance

v1.1.5.0

Federal Facility Reporting and Data » Comprehensive Annual Energy Data and Sustainability Performance » Annual Data

FEDERAL GOVERNMENT ENERGY/WATER USE AND EMISSIONS IN 2015

In fiscal year 2015 Federal agencies used 947 trillion British thermal units (Btu) of delivered electric and thermal energy from fossil and Renewable sources across All End-Use Sectors including:

- 317 trillion Btu in buildings subject to statutory energy reduction requirements (Goal Subject Buildings)
- 45 trillion Btu in facilities excluded from statutory energy reduction requirements (Goal Excluded Facilities)
- 584 trillion Btu in Vehicles and Equipment including aircraft, ships, and on-road vehicle fleets.

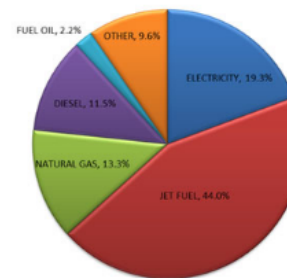
Direct (scope 1 and 2) Greenhouse Gas (GHG) Emissions mostly from energy use, totaled 84 million metric tons of carbon dioxide equivalent (MTCO₂e) including emissions subject to reduction targets, excluded from reduction targets, and emissions from biogenic sources. Emissions subject to reduction goals totaled 42 million MTCO₂e, a reduction of almost 18 percent from fiscal year 2008.

Federal agency Water Use totaled 129 billion gallons, equivalent to 41.5 gallons/square foot of facilities which is a 22% decrease from 2007 potable water use intensity.

Facility Investment, Gross Square Footage and Other Metrics reported by agencies include information on \$1.9 billion of investments in energy efficiency and renewable energy and agency progress in metering all appropriate buildings for electricity, natural gas and steam.

[Read more...](#)

Total Energy Consumption by Fuel Type: 0.94 quads



ENERGY USE AND COST

End-Use Sectors

[Read more...](#)

A-1 Total Site-Delivered Energy Use in All End-Use Sectors, by Federal Agency (Billion Btu)

A-2 Government-Wide Site-Delivered Energy Use and Costs in All End-Use Sectors (Constant Dollars)

A-3 Site-Delivered Energy Use, Costs, and Gross Square Footage of Federal Facilities by Agency

A-4 Total Primary (Source) Energy Use in All End-Use Sectors, by Federal Agencies (Billion Btu)

A-5 Historical Federal Energy Consumption and Cost Data by Agency and Energy Type (FY 1975 to Present)

A-6 Site-Delivered Energy Use and Costs by End-Use Sector and Energy Type, by Federal Agency (Native Units and Billion Btu)

A-7 Energy Cost Metrics for Federal Facilities by Agency

Renewable Energy (All End-Use Sectors)

Goal Subject Buildings

Goal Excluded Facilities

Vehicles and Equipment

OTHER METRICS

Greenhouse Gas Emissions

[Read more...](#)

E-1 Comprehensive Greenhouse Gas (GHG) Inventories by Agency and Fiscal Year

E-2 Total Scope 1 & 2 GHG Emissions Subject to Reduction Targets (Compared to FY 2008)

E-3 Scope 1 & 2 GHG Emissions Subject to Reduction Targets by Category (Compared to FY 2008)

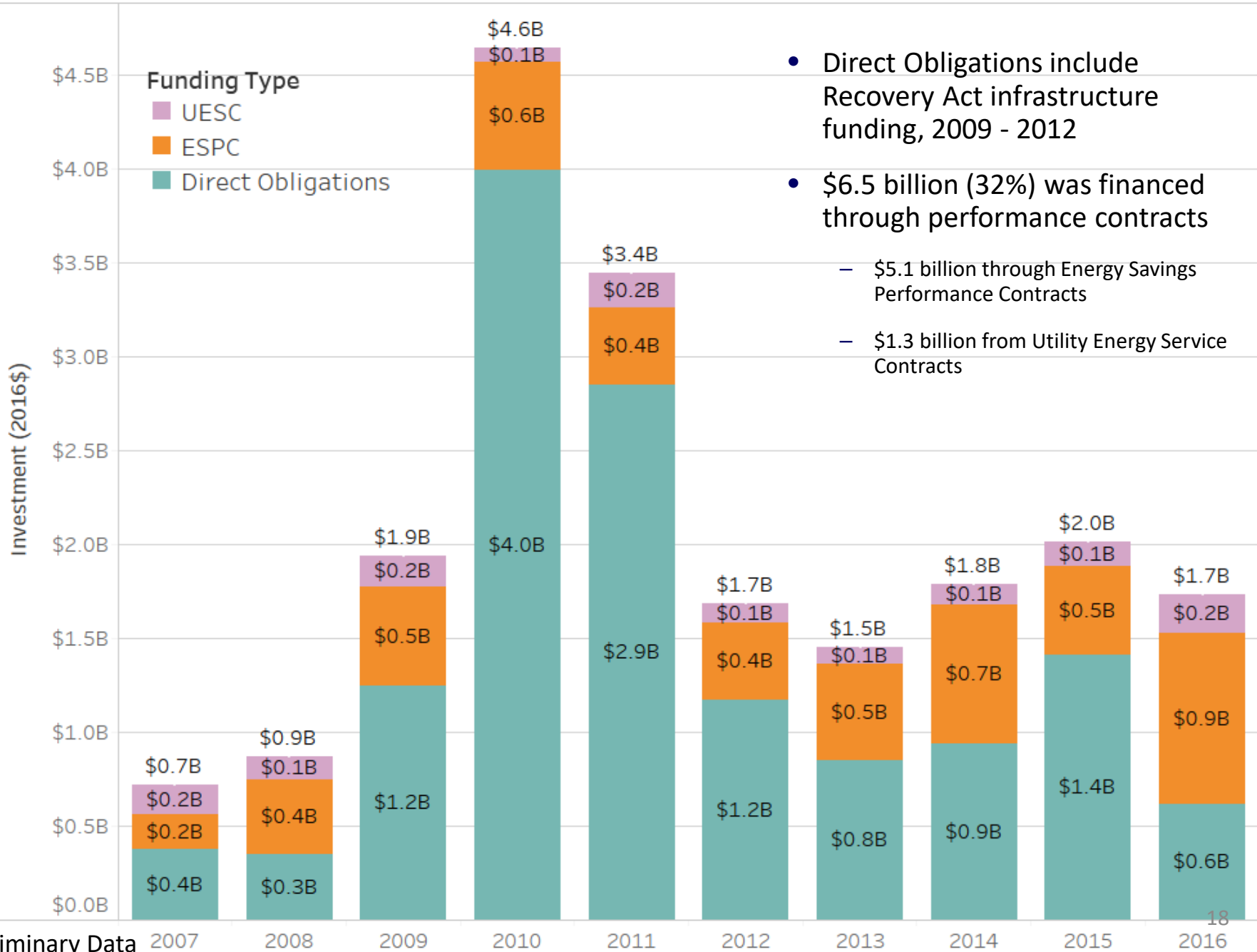
E-4 Scope 3 GHG Emissions Subject to Reduction Targets by Category (Compared to FY 2008)

Water Use

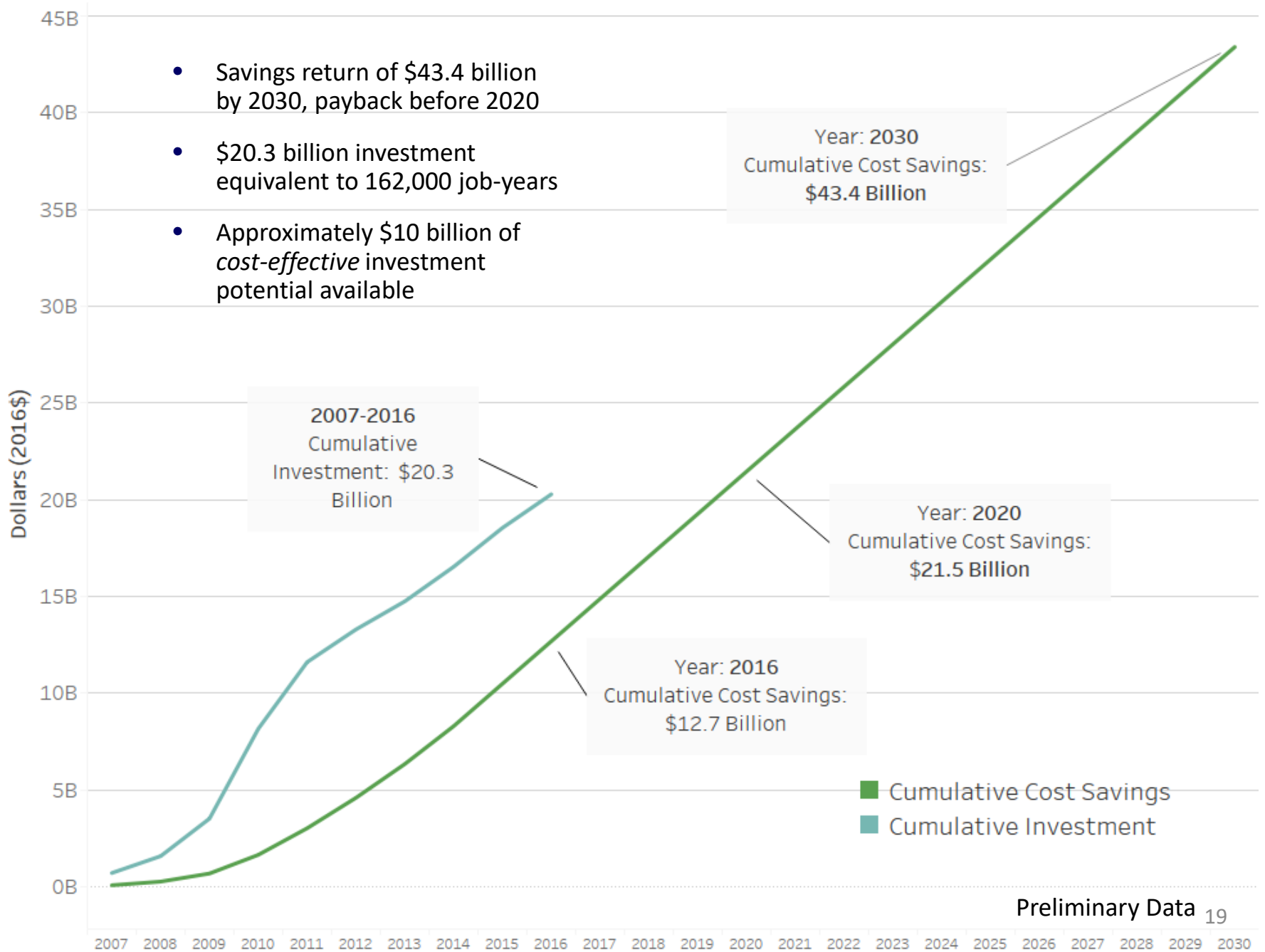
Facility Investment, Gross Square Footage, Other Metrics

References

Federal Government Invested \$20.3 Billion in Facility Efficiency from 2007 through 2016 (2016\$)

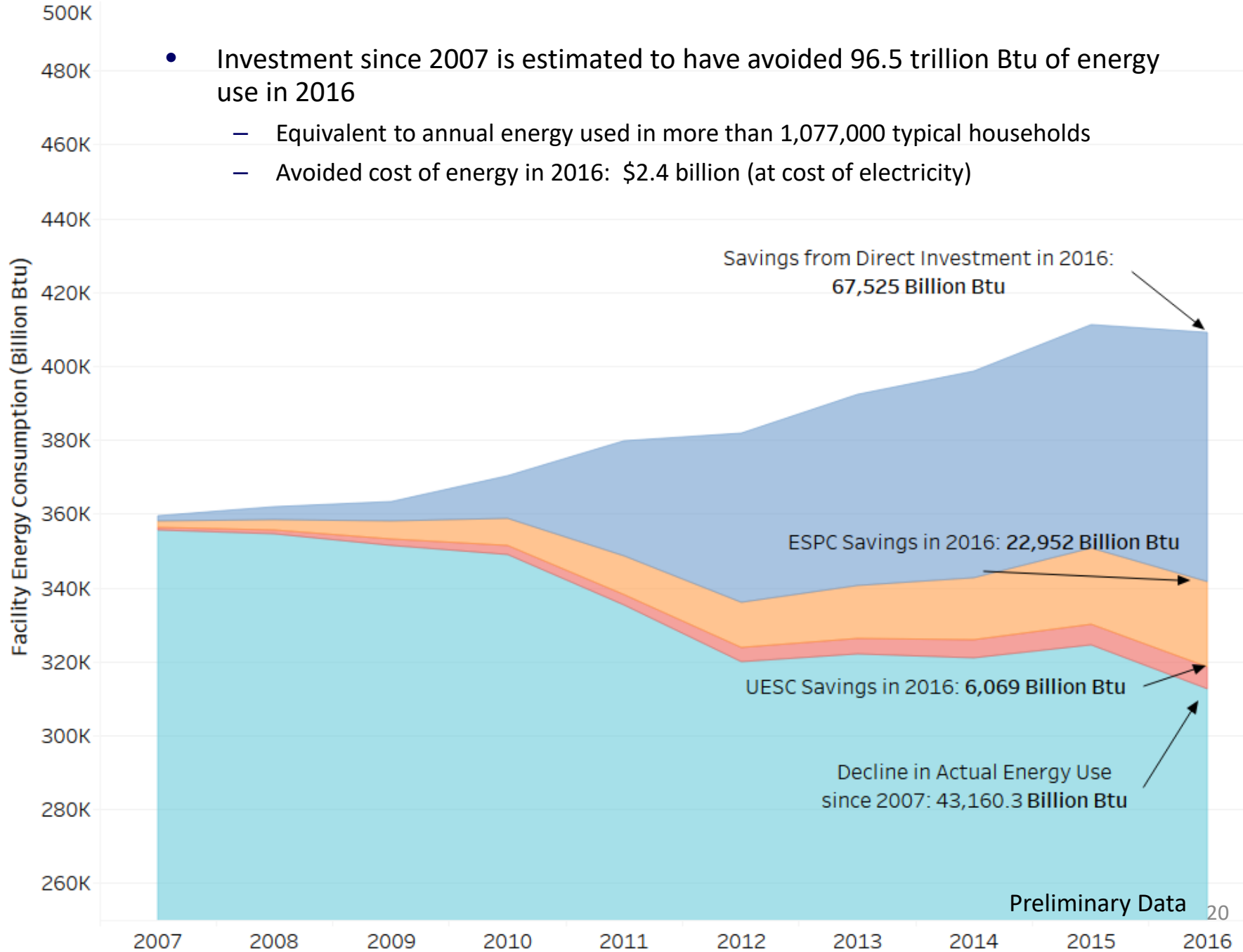


Savings Return on Federal Facility Energy Efficiency Investment of \$20.3 Billion (2016\$)



Estimated Impact of \$20.3 Billion in Federal Facility Efficiency Investment on 2007-2016 Energy Use

- Investment since 2007 is estimated to have avoided 96.5 trillion Btu of energy use in 2016
 - Equivalent to annual energy used in more than 1,077,000 typical households
 - Avoided cost of energy in 2016: \$2.4 billion (at cost of electricity)



Statutory Requirements

| Requirement | Authority | Description | Scorecard Performance Metric | Comments |
|--|--|--|---|---|
| Use of Energy and Water Efficiency Measures in Federal Buildings (EISA Sec. 432) | 42 U.S.C. § 8253(f) | <p>1) Agencies must cover facilities that comprise at least 75% of energy use</p> <p>2) Each facility must have a designated energy manager responsible for:</p> <ul style="list-style-type: none"> Annually benchmarking metered buildings (that are, or part of, "covered facilities") Completing comprehensive energy/water evaluations (audits) (each facility at least once every 4 years) Implementing identified ECMs and reporting; Follow-up M&V on implemented ECMs (as part of quadrennial evaluation) <p>3) Web-based Compliance Tracking System (CTS) to certify compliance, track agency progress in implementing the mandates</p> | No, but included in planned action tracking | <p>Prescriptive requirements for auditing, benchmarking, identifying, implementing, and verifying ECMs and associated reporting remain in place.</p> <p>Statue encourages performance contracting and favors ESCO industry and utilities providing efficiency services, include financed Resource Efficiency Managers (REMs).</p> |
| Renewable Electricity Use Requirement | 42 U.S.C. § 15852(a) | Of the total amount of electric energy the Federal government consumes during any fiscal year (FY), the following amounts shall be renewable energy: not less than 7.5% in FY 2013 and each FY thereafter. | ✓ | Statutory requirement still in place but percentage goal remains at the FY13 and thereafter level of 7.5% of electricity use. Other provisions like bonus for generation on Federal land remain in place. Progress reported as part of annual reports to FEMP |
| Metering Requirements | 42 U.S.C. § 8253(e) | Agencies are required to install metering and advanced metering devices for electricity, natural gas, and steam use in Federal buildings in accordance with U.S. Department of Energy metering guidelines. | No, but was in prior year scorecards | Requirement is place but goal horizons have passed: Electricity: 2012, Natural gas/steam: 2016. Agencies still report annually as not all agencies are in full compliance. |
| Energy Efficiency Standards for New Buildings | 42 U.S.C. § 6834(a)(3)(A) | If life cycle cost-effective, new Federal buildings must be designed to achieve ASHRAE 90.1 energy consumption levels and 30% below such levels. The version of ASHRAE 90.1 that Federal agencies must use depends on when design for construction begins. | No | Lists of new buildings designed and compliance submitted as part of annual reports to FEMP. |
| Water Efficiency in New Buildings | 42 U.S.C. § 6834(a)(3)(A)(ii) | If water is used to achieve energy efficiency in new Federal buildings in accordance with 42 U.S.C. § 6834(a)(3), then water conservation measures shall be applied to the extent that they are life cycle cost-effective. | No | |
| Contract for Public Utility Services | 40 U.S.C. § 501 | Authority for agencies to enter contracts for public utility services for periods up to 10 years. | No | Not a requirement/goal---authorizing language for performance contracting (UESCs, PPAs). |
| Energy Savings Performance Contract Authority | 42 U.S.C. § 8287 et seq.; 10 C.F.R. § 436.30 et seq. | Federal agencies may enter into an energy saving performance contract (ESPC) for a period of up to 25 years for the purpose of achieving energy savings and benefits ancillary to that purposes. | No | Not a requirement/goal---authorizing language for performance contracting (ESPCs). |
| Annual Energy Reports | 42 U.S.C. § 8258 42 U.S.C. § 17143 | <p>Each agency must report annually to DOE on goals of 42 U.S.C. 8253, DOE reports annually to Congress</p> <p>Federal agencies must submit to the Office of Management and Budget an annual government efficiency status report on compliance with each of the requirements of 42 U.S.C.</p> | No, but included in planned action tracking | OMB relays on annual reporting to DOE FEMP to cover its obligation to receive reports under 42 U.S.C. § 17143. |

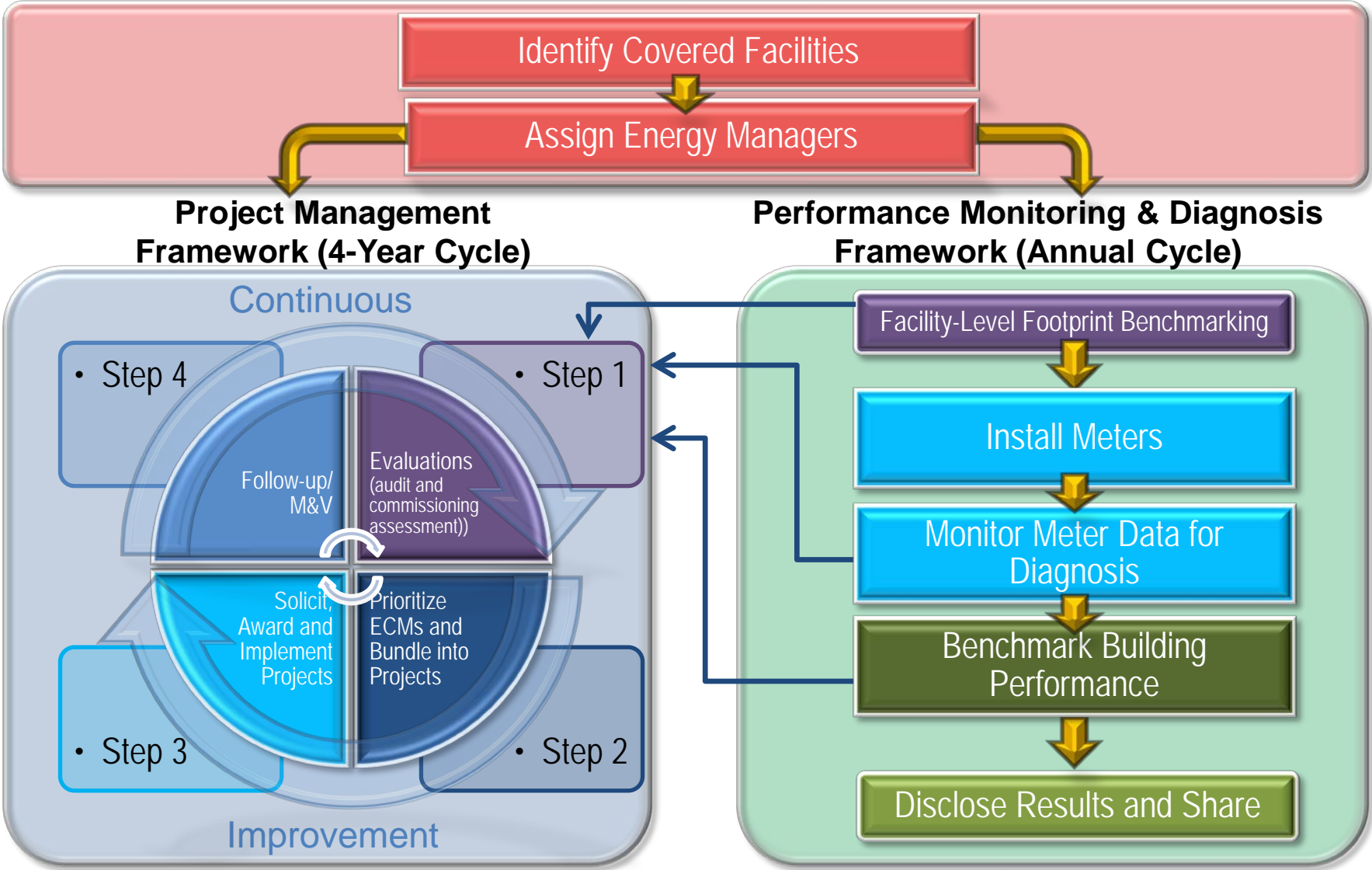
Statutory Requirements (goal horizon past or not implemented)

| Requirement | Authority | Description | Scorecard Performance Metric | Comments |
|--|--------------------------------------|--|-------------------------------|---|
| Building Energy Intensity Reduction through 2015 | 42 U.S.C. § 8253(a) | Subject to certain exclusions, each Federal agency must reduce the energy consumption per gross square foot of its Federal buildings relative to a fiscal year (FY) 2003 baseline by 30% by FY 2015. | ✓ | Statutory requirement still in place but percentage reduction goal remains at the FY15 level of 30% vs. 2003. Agencies still report annually on attainment and maintenance of goal. Progress reported as part of annual reports to FEMP. |
| Fossil Fuel Reduction | 42 U.S.C. § 6834(a)(3)(D)(i)(I)-(II) | New Federal buildings and major renovations of existing buildings are to reduce fossil fuel-generated energy consumption by 55% in fiscal year (FY) 2010, 65% in FY 2015, 80% in FY 2020, 90% in FY 2025, and 100% in FY 2030, compared to a FY 2003 baseline. | No | Rule has not been finalized and implemented. |
| Solar Hot Water | 42 U.S.C. § 6834(a)(3)(A)(iii) | If life cycle cost-effective, 30% of hot water demand in new Federal buildings undergoing major renovations must be met with solar hot water. | No | Rule has not been finalized and implemented. |
| Sustainable Design Principles | 42 U.S.C. § 6834(a)(3)(D)(i)(III) | New Federal buildings and major renovations of existing buildings are to apply sustainable design principles to the siting, design, and construction of such buildings. | No | Rule has not been finalized and implemented. |
| Alternative Fuel Use in Covered Fleets | 42 U.S.C. § 6374e(a) | Not later than October 15, 2015, and for each year thereafter, that Federal fleets are to achieve at least a 10% increase in annual alternative fuel consumption, as calculated from a fiscal year (FY) 2005 baseline. | ✓ in last year's scorecard | Statutory requirement still in place but percentage goal remains at the FY15 level (note for "each year thereafter" language). E.O. 13693 replaces this goal with 30% reduction in vehicle fleet per-mile GHG emissions by 2025 relative to a 2014 baseline, but statutory requirement is still in place. |
| Fleet Petroleum Reduction Requirement | 42 U.S.C. § 6374e(a) | Fleet Petroleum Reduction Requirement (1) under 42 U.S.C. § 6374e(a) says that not later than October 1, 2015, and for each year thereafter, Federal fleets are to achieve at least a 20% reduction in annual petroleum consumption as calculated from a fiscal year (FY) 2005 baseline. | ✓ in last year's scorecard | Statutory requirement still in place but percentage goal remains at the FY15 level (note for "each year thereafter" language). E.O. 13693 replaces this goal with 30% reduction in vehicle fleet per-mile GHG emissions by 2025 relative to a 2014 baseline, but statutory requirement is still in place. |

Executive Directive (non-Statutory) Requirements

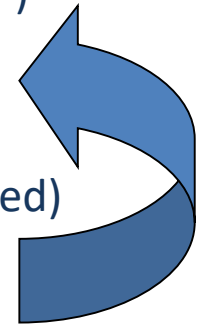
| Requirement | Authority | Description | Scorecard Performance Metric | Comments |
|---|---|--|------------------------------|---|
| Building Energy Intensity through 2025 | E.O. 13693 | 25% reduction in energy intensity in goal-subject facilities by 2025 compared with a 2015 baseline | ✓ | Reductions through 2025 vs the 2015 baseline and provisions for adjustments for weather normalization and verified projects in excluded facilities reside only E.O. 13693. |
| Scope 1&2 GHG Emission Reduction Target | E.O. 13693 | 40% reduction compared with a 2008 baseline by 2025 | ✓ | Requirements for meeting and reporting direct GHG emissions reside only in E.O. 13693. |
| Scope 3 GHG Emission Reduction Target | E.O. 13693 | 28.5% reduction compared with a 2008 baseline by 2020 | ✓ | Requirements for meeting and reporting indirect GHG emissions reside only in E.O. 13693. |
| Use of Renewable Electricity | E.O. 13693 & 42 U.S.C. § 15852(a) / EPAAct 2005 | 30% as a percentage of facility electricity use by 2025 | ✓ | Post-2015 goals through 2025 for renewable electricity use reside only in E.O. 13693. |
| Use of Clean Energy | E.O. 13693 | 25% as a percentage of building electric and thermal energy use by 2025 | ✓ | Clean energy goals through 2025 and associated reporting and accounting requirements reside only in E.O. 13693. |
| Reduction in Potable Water Intensity | E.O. 13693 | 36% reduction in potable water intensity by 2025 compared with a 2007 baseline | ✓ | Potable water intensity reduction goals through 2025 and associated reporting and accounting requirements reside only in E.O. 13693. Separate industrial, landscaping, and agricultural water use goals also reside only in E.O. 13693. |
| Reduction in Fleet GHG Emissions | E.O. 13693 | 30% reduction in vehicle fleet per-mile GHG emissions by 2025 relative to a 2014 baseline | ✓ | Fleet GHG-per-mile reduction goals through 2025 and associated reporting and accounting requirements reside only in E.O. 13693. |
| Sustainability Guiding Principles/Green Buildings | E.O. 13693 | Minimum of 15% (by number or total square footage) of the agencies' existing buildings above 5,000 sq ft | ✓ | Guiding principles for sustainability in Federal buildings reside only in E.O. 13693 and executive directives. |

Energy Independence and Security Act of 2007 (EISA), Sect. 432, Approach to Facility Resource Management



EISA's Framework for Federal Facility Management

- Agencies must identify “covered facilities” that constitute **at least 75% of energy use**
- Each facility must have a designated energy manager responsible for:
 - Benchmarking metered buildings (that are, or part of, “facilities”)
 - Completing comprehensive energy/water evaluations (audits) (each facility at least once every 4 years)
 - Implementing identified ECMs and reporting; (bundling permitted)
 - Follow-up M&V on implemented ECMs (as part of quadrennial evaluation)
- Web-based Compliance Tracking System (CTS) to certify compliance, track agency progress in implementing the mandates
 - Agencies tailor reporting into CTS according to their management approach
 - Upload from centrally-managed systems or entered by regional/facility managers bottom-up
 - Reports available to Congress, industry, and the public
 - Agencies may exempt facility-level data from disclosure for national security purposes



Home » Reporting & Data » Facilities » EISA Federal Facility Management and Benchmarking Reporting Requirements

EISA FEDERAL FACILITY MANAGEMENT AND BENCHMARKING REPORTING REQUIREMENTS

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Section 432 of the Energy Independence and Security Act of 2007 (EISA 432) requires federal agencies to identify "covered facilities" that constitute at least 75% of their total facility energy use as subject to the requirements of the statute. Each federal agency must designate an energy manager to be responsible for implementing the requirements at each covered facility.

Energy and water evaluations must be performed at each covered facility every four years to identify potential energy and water efficiency and conservation measures. EISA requires agencies to report progress toward these requirements using the Federal Energy Management Program's (FEMP) [EISA 432 Compliance Tracking System](#) including:

- Estimated costs and savings for projects implemented in covered facilities
- Measured savings for implemented projects
- Annual benchmarking information for metered buildings that are, or are part of, EISA-covered facilities.

REPORT AND TRACK PERFORMANCE

The [EISA 432 Compliance Tracking System](#) allows agencies to report and track their performance of energy and water evaluations, project implementation and follow-up measures, and annual building benchmarking requirements. It accepts required reporting on:

- Designation and location of facilities covered by EISA requirements
- Assignment of energy managers
- Energy and water evaluations completed at covered facilities
- Implementation of energy and water efficiency measures, including estimated cost and savings
- Follow-up status on implemented measures, including measured savings and persistence of savings
- Building benchmarking information.

FEMP CONTACTS

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PUBLICATIONS

[Federal Building Energy Use Benchmarking Guidance](#)

[Facility Energy Management Guidelines and Criteria for Energy and Water Evaluations in Covered Facilities](#)

[Guidance for the Implementation and Follow-up of Identified Energy and Water Efficiency Measures in Covered Facilities](#)

TOOLS

[ENERGY STAR Portfolio Manager EISA 432 Compliance Tracking System Export Templates](#)

[EISA 432 Compliance Tracking System Data Upload Templates](#)

LOG IN
EISA 432 COMPLIANCE TRACKING SYSTEM

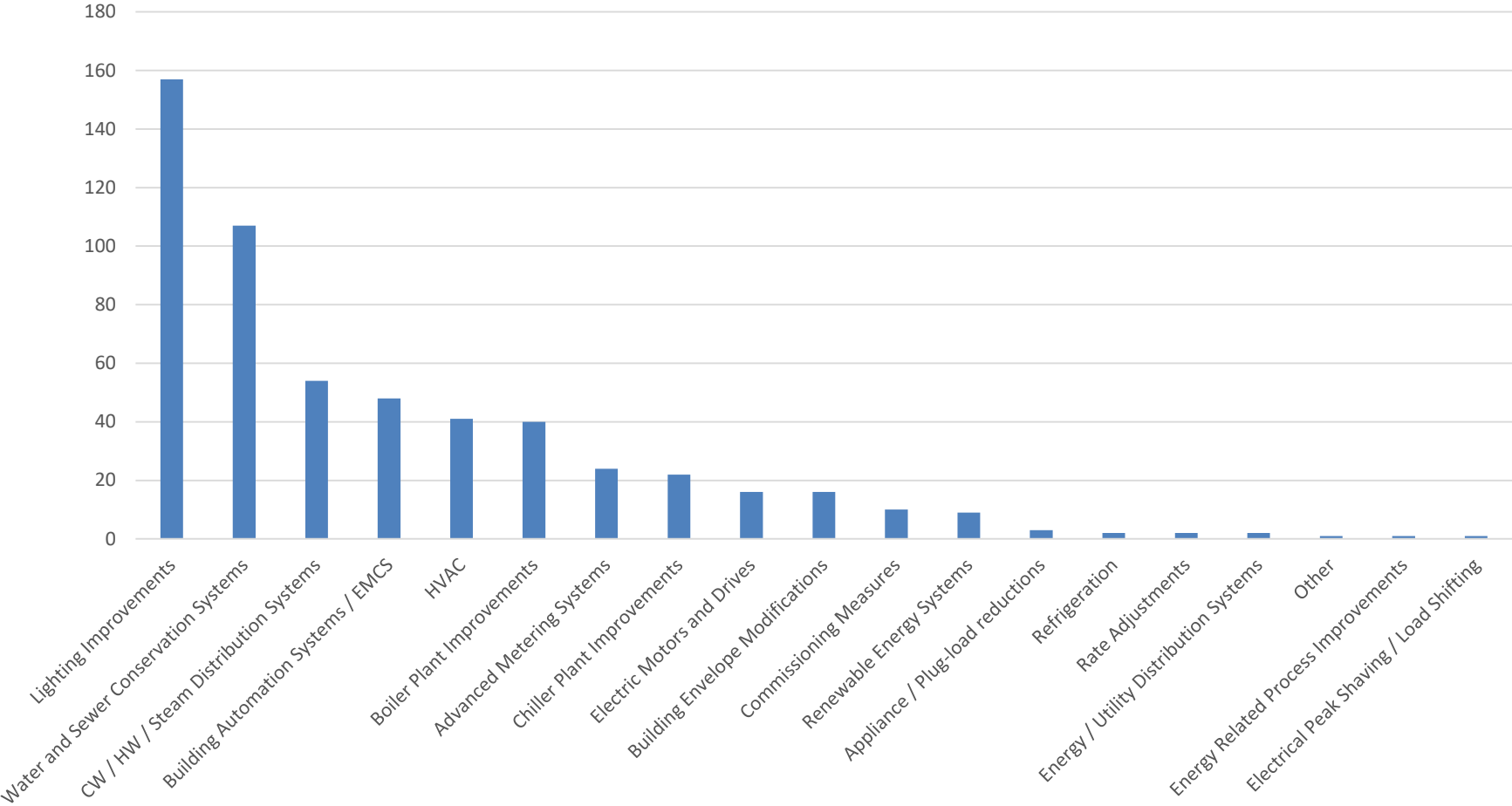
VIEW
EISA 432 COMPLIANCE TRACKING SYSTEM DATA

Reported Findings in EISA 432 Compliance Tracking System

- Public data site: <http://ctsedweb.ee.doe.gov/CTSDDataAnalysis/ComplianceOverview.aspx>
- 8,411 Covered Facilities, 2.8 billion square feet
 - 90% of total facility energy use
- 65% of Covered Facility Sqft evaluated within the last four years
 - \$8.8 Billion in potential ECMs identified with annual savings of \$789 million (~100,000 ECMs)
 - Potential annual savings of 36 trillion Btu (10% of total) and 10 billion gallons of water (8%)
- \$4.2 billion in implemented projects (2,627) reported
 - 55 trillion Btu in annual savings (15% of total) and 7 billion gallons of water (5%)
 - 15,712 ECMs
- 90 (only) UESC projects reported in CTS totaling \$156M in investment
 - 1.3 trillion Btu and 772 million gallons of water saved annually
 - 556 ECMs
- 19% of metered buildings benchmarked at least once
 - 9,823 of 51,017 individually-metered buildings

Reported Findings in EISA 432 Compliance Tracking System

UESC Efficiency Measures Reported in CTS



Tracking Building Performance with Benchmarking Findings Released to EISA Compliance Tracking System

Annual Weather-Normalized Energy Intensity (site delivered) (KBtu/GSF) by Fiscal Year

| Agency | Sub-Agency | Benchmarked Building Name | Building City | Building State | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------|------------|------------------------------------|----------------|----------------|----------|----------|----------|---------|-------|----------|
| GSA | Region 11 | DC0463ZZ - 601 - 4TH ST, NW | WASHINGTON D C | NA | 103.8 | 117.5 | 157.8 | 137.9 | 126.2 | 106.5 |
| GSA | Region 11 | DC0028ZZ - ARIEL RIOS FED BLDG | WASHINGTON D C | NA | 74.9 | 65.4 | 73.5 | 65.6 | 68.0 | 67.5 |
| GSA | Region 11 | VA0321ZZ - AV BRYAN COURTHOUSE | ALEXANDRIA | VA | 97.6 | 97.8 | 80.7 | 74.3 | 73.2 | 69.4 |
| GSA | Region 11 | MD0778AG - CENSUS BUREAU OFFICE | SUITLEND | MD | 115.9 | 122.4 | 135.4 | 125.6 | 114.9 | 101.2 |
| GSA | Region 11 | MD0325ZZ - CENSUS COMPUTER FAC | BOWIE | MD | 706.9 | 708.9 | 686.8 | 636.4 | 592.7 | 563.6 |
| GSA | Region 11 | DC0001ZZ - CENTRAL HTG PLNT STM | WASHINGTON D C | NA | 13,229.3 | 11,236.0 | 10,052.8 | 8,732.3 | | 10,546.0 |
| GSA | Region 11 | DC0014PB - E B PRETTYMAN COURTH | WASHINGTON | NA | 66.0 | 76.6 | 58.0 | 47.6 | 45.7 | 47.5 |
| GSA | Region 11 | DC0000AB - EPA EAST, WEST, CW | WASHINGTON D C | NA | 68.6 | 71.0 | 66.6 | 80.4 | 80.8 | 84.8 |
| GSA | Region 11 | MD0334ZZ-HARVEY W. WILEY FED BLDG. | COLLEGE PARK | MD | 1,013.2 | 918.6 | 155.8 | 170.6 | 172.1 | 186.0 |
| GSA | Region 11 | DC0086ZZ - FOB 8 | WASHINGTON D C | NA | 35.4 | 13.1 | 51.8 | 73.4 | 61.7 | 67.6 |
| GSA | Region 11 | VA0000AN - FRANCONIA WAREHOUSE | FRANCONIA | VA | 41.9 | 54.1 | 30.8 | 33.7 | 31.8 | 33.9 |
| GSA | Region 11 | DC0021ZZ-GSA ADMIN BLDG | WASHINGTON D C | NA | 100.6 | 77.0 | 71.0 | | 226.0 | |
| GSA | Region 11 | DC0026ZZ - LAFAYETTE BUILDING | WASHINGTON D C | NA | 56.7 | 57.3 | 56.4 | 52.7 | 51.6 | 42.4 |
| GSA | Region 11 | DC0010ZZ - LYNDON B JOHNSON BLD | WASHINGTON D C | NA | 77.9 | 75.8 | 68.3 | 58.3 | 61.2 | 63.9 |
| GSA | Region 11 | DC0094ZZ - MARKEY NATIONAL CT | WASHINGTON D C | NA | 126.4 | 116.5 | 109.9 | 117.4 | 100.0 | 100.0 |
| GSA | Region 11 | DC0033ZZ - MARY E SWITZER BLDG | WASHINGTON D C | NA | 56.0 | 57.1 | 48.0 | 46.7 | 53.3 | 45.5 |
| GSA | Region 11 | DC0030ZZ-NATIONAL BLDG MUSEUM | WASHINGTON D C | NA | 116.3 | 115.2 | 115.5 | 120.7 | 128.6 | 126.4 |
| GSA | Region 11 | DC0000NA - NEBRASKA AVE COMPLEX | WASHINGTON DC | NA | 143.6 | 148.6 | 146.9 | 143.2 | 131.7 | 135.6 |
| GSA | Region 11 | MD0278ZZ - NEW CARROLLTON FED | LANHAM | MD | 122.0 | 119.9 | 110.4 | 107.9 | 108.2 | 76.0 |
| GSA | Region 11 | MD0767AG - NOAA SATELLITE | SUITLEND | MD | 259.0 | 236.2 | 235.8 | 228.6 | 260.6 | 302.5 |
| GSA | Region 11 | DC0083ZZ - ORVILLE WRIGHT BLDG | WASHINGTON D C | NA | 99.9 | 98.3 | 84.3 | 78.4 | 77.3 | 75.1 |
| GSA | Region 11 | DC0459AF - REAGAN BLDG FOB | WASHINGTON D C | NA | 126.9 | 97.0 | 81.8 | 77.0 | 72.9 | 75.1 |
| GSA | Region 11 | DC0031ZZ - ROB | WASHINGTON D C | NA | 70.1 | 67.7 | | 70.2 | 80.5 | 66.5 |
| GSA | Region 11 | MD0232ZZ - SOUTHERN MD COURTHSE | GREENBELT | MD | 73.1 | 71.1 | 84.8 | 74.4 | 97.5 | 65.6 |
| GSA | Region 11 | MD0000AG - SUITLEND FEDERAL CEN | SUITLEND | MD | 27.7 | 22.9 | 22.6 | 20.6 | 19.8 | 18.3 |
| GSA | Region 11 | DC0114ZZ - TAX COURT | WASHINGTON D C | NA | 89.1 | 84.5 | 66.4 | 69.2 | 64.1 | 61.6 |
| GSA | Region 11 | DC0007ZZ - VETERANS ADMINISTRAT | WASHINGTON D C | NA | 115.1 | 111.9 | 103.8 | 87.8 | 73.4 | 78.0 |
| GSA | Region 11 | MD0331ZZ - WHITE OAK CAMPUS | SILVER SPRING | MD | 51.3 | 52.1 | | | | |
| GSA | Region 11 | DC0084ZZ-WILBER WRIGHT BLDG | WASHINGTON D C | NA | 111.8 | 119.6 | 109.4 | | 114.4 | 105.2 |
| GSA | Region 11 | DC0034ZZ - WILBUR J COHEN BLDG | WASHINGTON D C | NA | 110.2 | 107.1 | 101.4 | 99.1 | 88.6 | 90.3 |
| GSA | Region 11 | DC0573PB - WILLIAM BRYANT ANNEX | WASHINGTON DC | NA | 70.7 | 72.0 | 68.9 | 67.5 | 64.0 | 58.0 |

Explore Utilities That Are Integrating Benchmarking into Program Offerings

- Visit to the ENERGY STAR Directory of Energy Efficiency Programs
- Available online at <https://www.energystar.gov/buildings/tools-and-resources/directory-energy-efficiency-programs-leveraging-energy-star>



DIRECTORY OF ENERGY EFFICIENCY PROGRAMS LEVERAGING ENERGY STAR® (LAST UPDATED AUGUST 2016)

Utilities and state program sponsors across the country are incorporating benchmarking and other ENERGY STAR tools and resources into their energy efficiency programs. This document provides a quick way to find out which programs sponsors are offering services that will help you improve the energy performance of your commercial buildings using ENERGY STAR. You can quickly search for four types of program offerings: [Benchmarking with Portfolio Manager](#), [Portfolio Manager Web Services](#), [Aggregate Whole Building Data Downloads](#), and [Building Performance with ENERGY STAR](#).

| BENCHMARKING WITH PORTFOLIO MANAGER | | |
|---|--|---|
| Program Sponsor | Program Name and Web or Email Contact Link | Summary |
| Alabama Power (AL) | State Energy Program | The State of Alabama (ADECA) employs the State Energy Program to decrease energy consumption in public facilities such as K-12 schools, universities, community colleges, state and local governments as well as some privately owned commercial and residential buildings. Alabama Power assists the state by providing energy data related to these buildings for benchmarking with Portfolio Manager. |
| Ameren Illinois (IL) | Large Facility Retro-Commissioning (formerly Healthcare and Commercial Building Retro-commissioning) | Large facility customers can receive incentives for conducting a retro-commissioning building survey and implementing low cost (0-1 year payback) measures using a pre-approved Retro-Commissioning Service Provider (RSP). Applications for funding must include survey results and the building's ENERGY STAR benchmarking score. Facilities with a high Energy Utilization Index (EUI) or low ENERGY STAR score will be ranked higher in the approval process. |
| American Electric Power (AEP) Southwestern Electric Power Company (SWEPCO) (TX) | SWEPCO SCORESM (Schools Conserving Resources) Program | Through the SCORE Program, K-12 public schools are provided assistance in benchmarking their facilities using Portfolio Manager, developing an energy master plan, identifying and prioritizing energy efficiency projects, and communicating project successes to management and the community. |
| AEP Texas Central Company (TX) | AEP Texas SCORESM / CitySmartSM Program | Through the SCORE / CitySmart Program, K-12 public schools and municipal governments are provided assistance in benchmarking their facilities using Portfolio Manager, developing an energy master plan, identifying and prioritizing energy efficiency projects, and communicating project successes to management and the community. |
| AEP Texas North Company (TX) | AEP Texas SCORESM / CitySmartSM Program | Through the SCORE / CitySmart Program, K-12 public schools and municipal governments are provided assistance in benchmarking their facilities using Portfolio Manager, developing an energy master plan, identifying and prioritizing energy efficiency projects, and communicating project successes to management and the community. |
| Arizona Public Service (APS) (AZ) | Solutions for Business Program | APS sponsors periodic training classes on Portfolio Manager. Customers are encouraged to use Portfolio Manager to better understand how they use energy and identify opportunities to improve the efficiency of their facilities. Many of these opportunities will qualify for incentives through the APS Solutions for Business program. Additionally, customers must use Portfolio Manager to establish a baseline when pursuing retro-commissioning improvements and incentives. |



Delivery of Consumption Data to Your Customers...

- Two primary options
 - Spreadsheet-based delivery
 - Portfolio Manager web services
- Key considerations when selecting delivery option
 - Facilitate the transfer of aggregate whole-building data
 - Allow for regular data updates
 - Limit manual data entry

Explore Current Utility Delivery Mechanisms Across the U.S.

Utilities Providing Energy Data for Benchmarking in ENERGY STAR Portfolio Manager

The simple choice for energy efficiency.



February 2016

As energy benchmarking becomes standard practice in the commercial building industry, owners and managers of buildings are seeking to simplify the process of obtaining utility data. In addition, as the EPA's ENERGY STAR Portfolio Manager[®] has become the tool of choice for most organizations to benchmark their energy and water performance, these owners and managers are also looking for ways to streamline the entry of utility data into the tool. The good news is that more and more utilities are stepping up to assist owners and operators by making aggregate whole-building data readily available, and by enabling customers to have their data sent automatically into their Portfolio Manager account via web services. The result: customers spend less time gathering and inputting data and more time working on saving energy, and utilities are better able to understand the characteristics and energy performance of their customers' buildings, thereby allowing for more targeted identification of energy savings opportunities.

This document provides a complete listing of all known utilities providing customers with energy benchmarking data, including whether the utility provides customers with data in spreadsheet format, or delivers data directly into customers' Portfolio Manager accounts via web services.

Table 1: Utilities Providing Energy Data to Commercial Customers as a General Service Offering

Table 2: Utilities Providing Portfolio Manager Web Services to Commercial Customers Through Specific Energy Efficiency Programs or Fee-Based Services

Table 1: Utilities Providing Energy Data to Commercial Customers as a General Service Offering

| State | Utility Name | Aggregate Whole-Building Data? ¹ | Multifamily Included? | Format | Contact Information |
|-------|---|---|-----------------------|--------------|---|
| CA | Los Angeles Department of Water and Power | | | Web Services | Carla Day, (213) 367-3467 Carla.Day@ladwp.com Click here for more information |
| CA | Pacific Gas & Electric | | | Web Services | benchmarks@gas.com Click here for more information |
| CA | Sacramento Municipal Utility District | Yes (2) | | Web Services | benchmarks@smud.org Click here for more information |
| CA | San Diego Gas & Electric | | | Web Services | benchmarks@sengrutilities.com Click here for more information |
| CA | Southern California Edison | Yes (15/15) | Yes | Web Services | benchmarks@sce.com Click here for more information |
| CA | Southern California Gas | Yes (15/15) | | Web Services | SCGBenchmarking@sengrutilities.com Click here for more information |
| CO | Xcel Energy | Yes (4/50) | Yes | Web Services | benchmarking@xcelenergy.com Click here for more information |
| DC | Washington Gas | Yes (5) | Yes | Spreadsheet | aggregateedata@washgas.com Click here for more information |
| DC | Pepco | Yes (5) | Yes | Web Services | kast-south@pepco.com Click here for more information |
| ID | Avista Utilities | | Yes | Web Services | Leona Doege, (509) 495-4289 Click here for more information |
| IL | Commonwealth Edison | Yes (4) | Yes | Web Services | energyusage@comEd.com Click here for more information |
| IL | Peoples Gas | Yes (5) | Yes | Spreadsheet | PGI.Challengeaction@peoplesgasdelivered.com Click here for more information |

¹ The numbers in parentheses signify the minimum number of tenants in a building required for the utility to provide aggregate data without explicit authorization from individual tenants. If there are two numbers (X/Y), the second number indicates the maximum percentage of total energy consumed allowed by a single tenant in order for aggregate data to be provided without tenant authorization.

| State | Utility Name | Aggregate Whole-Building Data? ¹ | Multifamily Included? | Format | Contact Information |
|-------------------------|-----------------------------|---|-----------------------|--------------|--|
| MA | Eversource (formerly NSTAR) | Yes (4/50) | Yes | Spreadsheet | NSTAREnergyDisclosure@nua.com Click here for more information |
| MA | National Grid | Yes (4/50) | Yes | Spreadsheet | BERDOSupport@nationalgrid.com Click here for more information |
| MD | Baltimore Gas & Electric | Yes (5) | | Web Services | (703) 934-3213 Click here for more information |
| MD | Pepco | Yes (5) | Yes | Web Services | kast-south@pepco.com Click here for more information |
| MN | Xcel Energy | Yes (4/50) | Yes | Web Services | benchmarking@xcelenergy.com Click here for more information |
| NY (New York City only) | Consolidated Edison | Yes (2) | Yes | Spreadsheet | citybenchmarking@coned.com Click here for more information |
| NY (New York City only) | National Grid | Yes (4/50) | Yes | Spreadsheet | LocalLaw94@us.ngrnl.com Shay.Mullins@gas.com Click here for more information |
| NY (New York City only) | PSEG Long Island | Yes (2) | Yes | Spreadsheet | Click here for more information |
| OR | Avista Utilities | | Yes | Web Services | Leona Doege, (509) 495-4289 Click here for more information |
| OR | Pacific Power | Yes (5) | | Web Services | portfolioenergy@pse.com Click here for more information |
| PA | PECO | Yes (4) | Yes | Web Services | PECComEnergyUsageData@peco.com Click here for more information |
| PA | Veolia Energy | | Yes | Web Services | philadelphia@veoliaenergy.com Click here for more information |
| TX | Austin Energy | Yes (4/80) | Yes | Spreadsheet | Click here for more information |

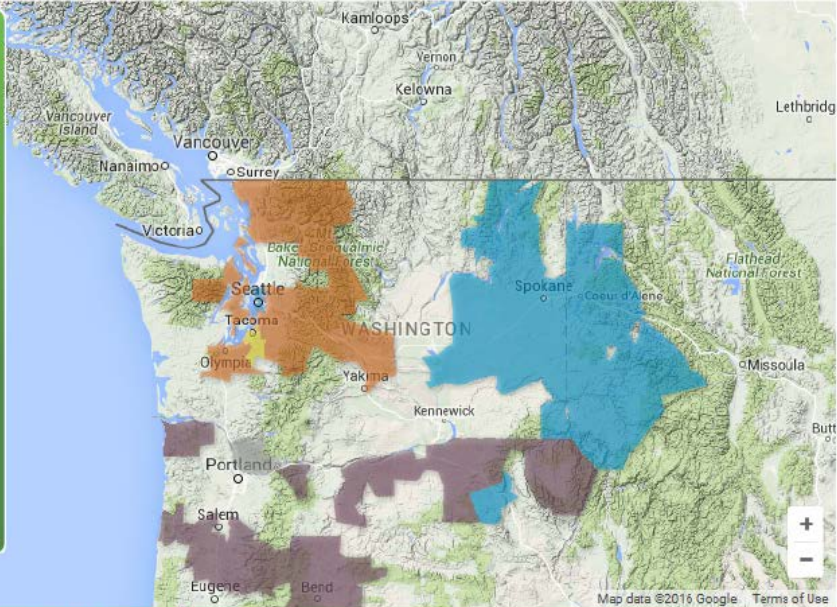
FIND UTILITIES THAT PROVIDE ENERGY DATA FOR BENCHMARKING

Click on the map or search to quickly determine if your utility provides the energy data you need to benchmark in ENERGY STAR[®] Portfolio Manager[®].

Please enter your zip code below to show coverage in your area:

Utility Name: Puget Sound Energy
Fuel Type: Electric, Gas
Data Type: Web Services
Aggregate Whole-Building Data: Yes(5)
Multifamily Included: Yes
Contact Info:
 Email: MyData@pse.com
 Web Address: [Click here](#) for more information.

Utility Name: Seattle City Light
Fuel Type: Electric
Data Type: Web Services
Aggregate Whole-Building Data: Yes(2)
Multifamily Included: Yes
Contact Info:
 Email: sci_portfolio_manager@seattle.gov
 Web Address: [Click here](#) for more information.



www.energystar.gov/utilitydata



Utilities Providing Energy Data for Benchmarking in ENERGY STAR[®] Portfolio Manager[®]

